

COMPUTER ACCOUNTING METHOD USING
NATURAL LANGUAGE SPEECH RECOGNITION

ABSTRACT OF THE DISCLOSURE

A computer method is disclosed for the capture, tracking, and management of accounting data using natural language speech recognition with landline or wireless telephones. Information is stored in a central or peer-to-peer database, which in addition to the speech recognition interface, may be accessed using touchtone telephone menus; Personal Digital Assistants (PDAs); WAP, RIM and other wireless protocol phones and devices; the Web; fax; email and other messaging protocols; synchronizable off-line applications; corporate financial systems; and distributed networks. In one form, the user initiates a telephone call and the invention confirms the user's identification, prompts the user for accounting information, records the information provided by the user into the appropriate database and language if the user's native tongue is different than that used by the accounting system, and provides to the user information in response to inquiries using natural language speech recognition. The user may choose both the voice the system uses to communicate with the user and the style or tone of voice with which the system speaks. The user may access and edit the accounting information stored in this database using any of the other mediums mentioned above.